FME Flow Authoring Training Course Outline

Overview

Learn to publish, automate, and orchestrate enterprise data workflows using **FME Flow**. This course equips FME authors with the skills to build scalable, maintainable, and interactive self-serve tools suited for real-world applications.

Prerequisites

Designed for FME users with experience of FME Form or have previously attended FME Form Basic training.

Course Objectives

- Understand FME Flow's enterprise capabilities
- Publish and manage workspaces and data
- Create configurable self-serve workflows
- Build no-code automations to manage data tasks
- Apply best practices for job control and parameterization

Modules & Key Learning Outcomes

1. What is FME Flow?

- Explore FME Flow's role in data integration and automation
- Evaluate its applicability in your organization

2. Publish Workflows to the Web

- Connect to and publish workspaces in FME Flow
- Upload and manage data files
- Run jobs and view logs
- Share workspaces via Flow Apps, Webhooks, and Projects

Exercises: Publish, run, and share workspaces; manage projects

3. Build Basic Self-Serve Workflows

- Use FME Flow Services: Data Upload, Download, Streaming
- Enable file upload options in workspaces

Exercise: Create a simple self-serve portal

4. Manage FME Flow Data & Connections

- Manage source data and temporary uploads
- Understand Resources, Repositories, and Parameters
- Configure database and web connections

Exercises: Publish data, use temporary uploads, work with Resources

5. Build Versatile Self-Serve Workflows

- Use user parameters to control execution
- Design interfaces with choice, bounding box, or feature selectors
- Leverage Deployment Parameters for scalable solutions

Exercises: Reuse parameters, create user-controlled workspaces

6. Create No-Code Web Apps

- Differentiate sharing via Flow Apps vs. permissions
- Create and customize Flow Apps webpages

Exercise: Create and customize a Flow App

7. Build Basic Automations

- Understand Automations, Triggers, and Actions
- Configure input parameters and webhook URLs

Exercises: Build basic automation; share via webhook

8. Build Versatile Automations

- Use Schedules and Directory Triggers
- Filter trigger messages and handle incoming email
- Compare SMTP and IMAP options

Exercises: Directory-based automation; email-driven workflows

9. Connect Automations with Job Orchestration

- Use workspace actions and output attributes to chain jobs
- Apply the Automations Writer for advanced workflows

Exercises: Chain jobs; orchestrate complex processes

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